

## CLAIMS:

1. A display device comprising a first electrode and a second electrode, and an optical layer arranged between the electrodes, which optical layer emits light under the influence of an electric field applied between said electrodes, and comprising a varistor layer arranged between an electrode and the optical layer.
2. A display device as claimed in claim 1, characterized in that the varistor layer is structured and situated in the areas where the first electrode and the second electrode overlap one another.
3. A display device as claimed in claim 1, characterized in that the varistor layer is arranged parallel to the optical layer, and the surface over which the varistor layer extends corresponds to the surface over which the optical layer extends.
4. A display device as claimed in any one of claims 1 through 3, characterized in that a dielectric layer is situated between the optical layer and the varistor layer.
5. A display device as claimed in claim 4, characterized in that the dielectric layer comprises a dielectric material having a dielectric constant  $\epsilon > 20$ .
6. A display device as claimed in any one of claims 1 through 5, characterized in that the varistor layer substantially comprises ZnO doped with at least one material selected from the group consisting of  $\text{Bi}_2\text{O}_3$ ,  $\text{Co}_2\text{O}_3$ ,  $\text{MnO}_2$ ,  $\text{Sb}_2\text{O}_3$ ,  $\text{Al}_2\text{O}_3$  and  $\text{B}_2\text{O}_3$ .
7. A display device as claimed in any one of claims 1 through 5, characterized in that the varistor layer substantially comprises  $\text{SrTiO}_3$  doped with at least one material selected from the group consisting of  $\text{La}_2\text{O}_3$ ,  $\text{Nb}_2\text{O}_5$  and  $\text{WO}_3$ .

8. A display device as claimed in any one of claims 1 through 5, characterized in that the varistor layer substantially comprises  $\text{YTiO}_3$  doped with at least one material selected from the group consisting of  $\text{La}_2\text{O}_3$ ,  $\text{Nb}_2\text{O}_5$  and  $\text{WO}_3$ .
- 5 9. A display device as claimed in any one of claims 1 through 5, characterized in that the varistor layer comprises a polymeric matrix in which doped  $\text{ZnO}$  particles or doped  $\text{SrTiO}_3$  particles or doped  $\text{YTiO}_3$  particles are distributed.
10. A method of manufacturing a display device comprising a first electrode and a  
10 second electrode, and an optical layer arranged between the electrodes, which optical layer emits light under the influence of an electric field applied between said electrodes, and comprising a varistor layer arranged between an electrode and the optical layer, characterized in that the varistor layer is applied by means of blade coating or screen printing.